

Derwent Innovations IndexSM

使用手冊

超越檢索
分析－管理－發現



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Derwent Innovations IndexSM 權威專利情報資源 推動科技創新

*Derwent Innovations IndexSM*將 *Derwent World Patents Index®* 和 *Patents Citation Index* 有機地整合在一起，使用者不僅可以透過它檢索專利資訊，也可以透過這個資料庫檢索到專利的引用情況。同時，透過專利間引用與被引用關係可以幫助使用者迅速追蹤技術的最新進展；更可以利用其與 *ISI Web of Science* 的連結，深入理解基礎研究與應用技術的互動與發展，進一步推動研究朝向應用面。

此資料庫收錄了來自42個專利機構授權的1460多萬項基本發明，3000多萬筆專利。每周更新並回溯至1963年，為研究人員提供全世界的化學、電子與電氣以及工程技術領域內綜合全面的發明資訊，是檢索全球專利最權威的資料庫。

特點

- 以專利權屬人、專利發明人、主題詞為簡單的檢索入口，快速獲取基本資訊，以節省時間。
- 輔助檢索工具幫助您迅速找到相關的手工代碼（**Derwent Manual Codes**）和分類代碼（**Derwent Class Codes**）並且透過點選滑鼠直接將對應的代碼添加到檢索欄中，直接進行檢索。
- **Derwent** 重新編寫的描述性標題與摘要，使您避免面對專利說明書原有摘要與標題的晦澀難懂，迅速瞭解專利的重點內容，很快判斷是否是自己所需的資料。
- **Derwent** 特有的深度索引，幫助您增加檢索的相關度，避免大量無關記錄的出現。
- 檢索結果列表中列有每筆專利對應的主要發明圖，可以幫您迅速看到專利的主要圖像資料。
- **Email Alert**服務，幫您及時掌握行業內最新的專利申請情況。
- 檢索輔助工具可以幫助您迅速查找相關的 **Derwent** 專業索引項。

用途

- 對於圖書館研究館員、系主任、教職員工和學生：為他們提供了廣泛深入的技術資料，迅速掌握研究前提。
- 公司和政府圖書管理員：查閱本機構感興趣的行業領域內的熱門資訊，指導研發方向，幫助研究人員保護知識產權，並且密切關注競爭對手/國際機構的研究活動。
- 學術管理員：與相關研究領域內的公司建立夥伴關係，幫助學生獲得新產品研究資助，給予學校一部分專利收益，幫助招生辦公室錄取研究生，並且評估教授的研究績效。
- 研究人員：產生靈感和創新，作為期刊研究文獻的重要補充，保護知識產權，為獨立研究取得更多資助，並獲得認可。
- 執行管理：獲取本公司所在行業領域內的最新專利資訊，制定市場營銷/產品策略，協助研發確定方向和取得進展，並瞭解競爭者的研究活動和發展。

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ALL DATABASES

Search for:

Example: oil spill* mediterranean in Topic

AND Example: O'Brian C* OR O'Brian C* in Author

AND Example: Cancer* OR Journal of Cancer Research and Clinical Oncology in Publication Name

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Search for:

Example: recharg* lithium batter* in Topic

AND Example: Von Oepen R or Oepen R V in Inventor

AND Example: EP797246 or US5723945-A in Patent Number

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flat panel plasma display in Topic
Example: "sol gel" AND polymer*

AND [] in Inventor
Example: Von Oepen R or Oepen R V

AND [] in Patent Number
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例如：想查找有關平板等離子顯示器的相關專利，您可以在Topic 檢索方式中這樣輸入檢索式：flat panel plasma display

Truncation 切截

以下萬用字元可用於查詢檢索詞的變化形式：

* – 可代表零個到多個字母

範例：**Gene***可檢索 Gene, Genes, General, Generation

? – 代表一個字母

範例：**Car?** 可檢索 Cars, Care

\$ – 代表零個或一個字母

範例：**Cell\$**可檢索 Cell, Cells, Cello

布林邏輯

以下這些邏輯運算元可用於組合檢索詞和檢索結果集合。在一個檢索式中出現多個運算元時，計算次序如下，可利用圓括號來提前運算優先順序。

SAME

NOT

AND

OR

SAME 表示它所連接的檢索詞出現在同一個句子中或者一個關鍵字片語裏。

檢索不分大小寫。

可供檢索的欄位

1. 專利權人 (Assignee) :

可檢索專利記錄中專利權人名稱 **Patent Assignee Name(s)** 和代碼 **Code(s)** 欄位

2. 發明人 (Inventor) :

可檢索專利記錄中發明人欄位。輸入方式為姓，後加名的首字母。當檢索發明人姓名時，建議使用星號 (*) 以保證查全。

3. 專利號碼 (Patent Number) :

可檢索專利記錄中專利號碼欄位。您既可以輸入完整的專利號，也可以利用切截輸入部分專利號進行查找。

4. 國際專利分類號 (International Patent Classification) :

IPC 是由世界知識產權組織(WIPO)按照層級分類體系建立的分類號。該檢索欄位可對專利記錄中的**IPC** 資料進行檢索。輸入 **G09G*** 可找到所有以 **G09G** 分類號開頭的專利。

5. Derwent分類代碼 (Derwent Class Code) :

專利被劃分為20個大的學科領域或部分。這些類別被分為三組。化學 (**A - M**)，工程 (**P - Q**)，電子與 (**S - X**)。這20個部分被進一步細分成類別，每個類別包括部分的首字母及兩位元數字。例如，**X22** 是 **Automotive Electrics** 的分類代碼，而 **C04** 是 **Chemical Fertilizers** 的代碼。當分類代碼和其他檢索欄位如主題檢索等組合使用時，這些代碼可以幫您精確有效地把檢索結果限定在相關的學科領域。

6. Derwent手工代碼 (Derwent Manual Code) :

手工代碼是由Derwent的專業人員為專利標引的代碼。代碼可用於顯示一個發明中的新穎技術特點以及其應用。利用手工代碼進行專利的檢索可顯著改進檢索的速度和準確性。輸入 **H01-B*** 可找到石油/鑽井領域的專利記錄，輸入 **H01-B01*** 可找到所有有關海上石油鑽探設備結構與儀器領域的專利。

7. Derwent入藏登記號 (Derwent Primary Accession Numbers) :

可檢索專利記錄中的Derwent入藏登記號欄位。入藏號登記號 (**PAN**) 是由Derwent為每一個專利家族中的第一筆專利記錄指定的唯一識別號，也是該專利家族所指定的唯一編號。每個號碼的組成是一個四位數的年號，隨後是“-“，以及一個六位數的序列號。即YYYY-NNNNNN 格式 (例如，1999-468964)。登記號後還有一個兩位數的更新號用以標示Derwent出版該專利文摘的日期。當使用切截檢索PAN號時，應將切截放在9位號碼之後。例如：1999-52791* 可檢索到若干記錄，而1999-5279* 則檢索不到結果。

Search Aids 檢索的輔助索引

在Assingee, Inventor, International Patent Classification, Derwent Class Code 和Derwent Manual Code 等檢索欄位中都提供了檢索輔助工具。這些輔助工具在一般檢索和進階檢索頁面均可使用。

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Example: Von Oepen R or Oepen R V

AND Example: G06F-001/16

AND Example: T04

AND Example: T01-L02

AND Example: XEROX CORP or XERO

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Use the Find and Browse features to locate codes to add to your query.

Enter text to find a manual code.

Example: oil* to find B04-B01C3 MINERAL OILS AND WAXES

Find

Browse Derwent Manual Code Hierarchy

KEY: Add = add to query S = view substance details

- Section A: Plasdoc
- Section B: Farmdoc
- Section C: Agdoc
- Section D: Food, Fermentation, Disinfectants, Detergents
- Section E: Chemdoc
- Section F: Textiles, Paper, Cellulose
- Section G: Printing, Coating, Photographic
- Section H: Petroleum
- Section J: Chemical Engineering
- Section K: Nucleonics, Explosives, Protection
- Section L: Glass, Ceramics, Electro(in)organics

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Example: oil to find B04-B01C3 MINERAL OILS AND WAXES*

Results Page 1 (Terms 1 - 4 of 4)

KEY: = add to query = view in hierarchy = view scope notes

<input type="button" value="Add"/> <input type="button" value="H"/>	D03-J05	MACHINERY FOR WASHING FRUIT (1972-)
<input type="button" value="Add"/> <input type="button" value="H"/>	D03-J08	MACHINERY FOR WASHING VEGETABLES (1972-)
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在檢索結果頁面，您可以輸入主題(題名、摘要、關鍵字或附加關鍵字Keyword Plus)在此次檢索結果中進一步查詢，而不需要結合不同的檢索條件進行查找，同時系統會產生新的檢索結果頁面。

Results Topic=(flat panel plasma display)
Timespan=All Years. Databases=CDerwent, EDerwent, MDerwent.

Results: **4,337** Page 1 of 434 Go Sort by: Latest Date

Refine Results
Search within results for [] Search

Subject Areas Refine

- ☐ ENGINEERING (4,251)
- ☐ INSTRUMENTS & INSTRUMENTATION (4,213)
- ☐ CHEMISTRY (1,592)
- ☐ OPTICS (845)
- ☐ COMPUTER SCIENCE (793)

1. WO2007145440-A2
Title: Brightness adjusting method for flat panel display screen after finding difference between
Assignee(s): LG ELECTRONICS INC
Inventor(s): KIM S H
Citing Patents: 0
→ esp@cenet

2. US2008018843-A1
Title: LCD panel for e.g. plasma display panel, has contact hole of insulating layer for
Assignee(s): SAMSUNG SDI CO LTD, MOON J H
Inventor(s): Y H, YUN Y N, MOON J H
Citing Patents: 0

3. US2008017810-A1

4. 2008-B60938
Title: Method for adjusting contrast of flat panel display device
Assignee(s): SAMSUNG SDI CO LTD
Inventor(s): Y H, YUN Y N, MOON J H
Citing Patents: 0

5. 2008-B55195
Title: Plasma display panel for next generation industrial flat panel display device and home TV
Assignee(s): SAMSUNG SDI CO LTD, KIM T, YIM S, et al
Inventor(s): KIM T, YIM S
Citing Patents: 0
→ esp@cenet

6. 2008-B52253
Title: Aluminate green fluorophor excited by vacuum ultraviolet and its preparing method
Assignee(s): CHINA ACAD SCI CHANGCHUN APPLIED CHEM GR
Inventor(s): YOU H, LI W, GONG G
Citing Patents: 0

7. 2008-B49655
Title: Transport system for evaporation device for use in manufacture of e.g. flat panel display,
Assignee(s): TPO DISPLAYS CORP, TOPPOLY OPTOELECTRONICS CORP
Inventor(s): NISHIKAWA R, WU W
Citing Patents: 0
→ esp@cenet

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- Patent Assignee Code(專利權人代碼)
- Times Cited(被引用次數)
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Results Topic=(flat panel plasma display)
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- ☐ OPTICS (858)
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點選 或 展開或隱藏該分析欄位中更多項目

1. US2008067312-A1 2008-D21324
Title: Modular rigging system for accommodating e.g. flat panel display, has rigging rail attachable to rear section of video display and to support component of mounting interface, and attachment points arranged along rigging rail
Assignee(s): ALLEN P W, AQUIN T
Inventor(s): HIOKI T, UCHIKOGA S
Citing Patents: 0
esp@cenet
2. US2008016650-A1; JP2008022553-A 2008-D21087
Title: coupled to arm, motor part coupled to two hinges, where body is
Assignee(s): SEKISUI CHEM IND CO LTD
Inventor(s): MAYUMI S, SAITO N
Citing Patents: 0
esp@cenet
3. US2008063048-A 2008-D19683
Title: Installing method for glass substrate used in e.g. flat panel display involves blowing off pressurized fluid from suction holes in upper side direction of stage whose contact support is made to approach above external end of glass substrate
Assignee(s): SEKISUI CHEM IND CO LTD
Inventor(s): MAYUMI S, SAITO N
Citing Patents: 0
esp@cenet
4. US2008068835-A1 2008-D15268
Title: Lamp e.g. cold cathode fluorescent lamp, fixing member for use in LCD device, has body with shape corresponding to shape of outer surface of lamp, and concave groove-shaped recess along inner surface of fixing portion
Assignee(s): AHN J S
Inventor(s): AHN J S
Citing Patents: 0
esp@cenet
5. US2008068402-A1 2008-D15194
Title: Image display method for high definitions TV, involves forming output images corresponding to display positions spatially different from each other from set of enlarged image segments
Assignee(s): OLYMPUS CORP
Inventor(s): IOKA K, SAKAI H
Citing Patents: 0
esp@cenet
6. US2008062027-A1 2008-D14328
Title: Source driving circuit for LCD apparatus i.e. flat panel display, has switching control unit controlling order of transition to final levels of common electrode voltage and driving voltage
Assignee(s): CHUNG K
Inventor(s): CHUNG K
Citing Patents: 0
esp@cenet
7. US2008061297-A1 2008-D14175
Title: Epitaxial zinc gallate substrate for flat panel display device e.g. field emission display, plasma display panel has zinc gallate film which is epitaxially grown on buffer film epitaxially developed on single crystal substrate
Assignee(s): IND TECHNOLOGY RES INST
Inventor(s): LIN Y, TSAI S
Citing Patents: 0
esp@cenet
8. US2008050871-A1 2008-D13686
Title: Removal method of material from semiconductor device structure, by depositing polymer on upper surface over feature of semiconductor device structure without substantially depositing polymer at locations exposed through feature
Assignee(s): STOCKS R L
Inventor(s): STOCKS R L
Citing Patents: 0
esp@cenet
9. US2007194715-A1 2008-D13176
Title: Plasma display apparatus e.g. flat panel display, has film type filter attached to front surface of plasma display panel, where portions of filter corresponding to aligning marks are exposed such that marks are readily recognized
Assignee(s): CHA J, BAE J, MOON D, et. al
Inventor(s): CHA J, BAE J, MOON D, et. al
Citing Patents: 0
esp@cenet
10. US2007194715-A1 2008-D13176
Title: Plasma display apparatus e.g. flat panel display, has film type filter attached to front surface of plasma display panel, where portions of filter corresponding to aligning marks are exposed such that marks are readily recognized
Assignee(s): CHA J, BAE J, MOON D, et. al
Inventor(s): CHA J, BAE J, MOON D, et. al
Citing Patents: 0
esp@cenet

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Subject Areas

☐ ENGINEERING (4,251)

☐ INSTRUMENTS & INSTRUMENTATION (4,213)

1. WO2007145440-A2 2008-B60938

Title: Brightness adjusting method for flat panel display e.g. LCD, involves varying contrast of screen after finding difference between step value of reference value and step value of adjusted brightness

Assignee(s): LG ELECTRONICS INC

Inventor(s): KIM S H

Citing Patents: 0

→ esp@cenet

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- 國際專利分類號 (International Patent Classification Code)：

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如何瞭解某項技術是如何跨學科進行發展和應用的？

- Derwent手工代碼 (Derwent Manual Code)：

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Dot-matrix colour plasma display panel for personal computer - has structure in which row and column electrode arrays are formed respectively to facing insulator plates
NoAbstract Dwg 1/7

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Patent Number(s): JP3190039-A → esp@cenet ; JP2964512-B2; US5182489-A → Original

Inventor(s): SANO Y

Patent Assignee(s) and Codes(s): NEC CORP(NIDE-C)

Derwent Primary Accession Number: 1991-285497 [07]

Citing Patents: 61 | Patents Cited by Examiner: 10

Abstract: (JP3190039-A) Mixt. of long chain aliphatic diols of the following formula, HO-(CH₂)_n-OH, where n=16-20, and one or mixt. of organic titanate cpd. are dissolved and/or suspended in solvent to prepare lubricant compsn. Compsn. is applied on the insulating layer of the insulated wire, and baked.

Wire comprises the lubricative layer of up to 0.1 micron in average thickness on the insulating layer.

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瞭解該專利被其他專利引用的情況。

您可以在此瞭解到專利審查員在審查該專利時參考的專利。

Show Equivalent Abstract(s)

Drawing:



International Patent Classification: G09F-009/31; H01J-011/00; G09F-009/313; H01J-011/02; H01J-061/067; H01J-061/42

Derwent Class Code(s): P85; V05

Derwent Manual Code(s): V05-A01; V05-M03

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
JP3190039-A	20 Aug 1991		199139		
JP2964512-B2	18 Oct 1999	H01J-011/00	199949	Pages: 8	
US5182489-A	26 Jan 1993	H01J-061/067	199307	Pages: 12	

Application Details:

Patent Number	Publ. Date	Main IPC
JP3190039-A	JP328827	18 Dec 1989
JP2964512-B2	JP328827	18 Dec 1989
US5182489-A	US629420	18 Dec 1990

Further Application Details:

Patent Number	Publ. Date	Main IPC
JP2964512-B2	Previous Publ.	Patent
JP3190039		

Priority Application Information and Date:

Patent Number	Publ. Date	Main IPC
JP328827	18 Dec 1989	

Field of Search: x

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Derwent Innovations IndexSM 全記錄中的欄位

- **Patent Number(s)** (專利號)

專利號是由專利授予機關授予，和每份專利文獻匹配的序列號。Derwent輸入兩個字元的WIPO國家代碼，然後是序列號（10 個位元組以內）以及表示文獻類型和出版項的代碼。例如：WO200079505-A1；AU200056327-A；US6296489-B1。

- **Title** (題名)

Derwent做出簡潔描述性的英文題名以突出專利說明書中表示的發明內容和新穎特點。

- **Inventor (s)** (發明者姓名)

發明者姓名以姓氏首字母縮寫的形式出現。姓最多有30 個字元，後加一個空格和最多三個首字母縮寫。如：BLASS L，ELDER P，BLASS L J，ELDER P H。

註：1992 年以前的記錄規定發明者最多八個，前蘇聯的專利最多三個。1978 至1980 年間發明者最多三個，每個姓名最多10 個字元。日本籍發明者不包括在內。

- **Patent Assignee Name(s) and Code(s)** (專利權人姓名和代碼)

爲了標準化公司名稱，Derwent爲全球21000 多個公司分配了一個唯一的4個字元代碼。這些公司被認爲是標準的公司，會經常性申請大量專利。可利用這些代碼來檢索子公司和相關的機構。其它公司和個人專利權人會被賦予一個非標準的4 子元代碼，這個代碼不是唯一的。專利權人代碼的顯示方式是：

ABCD-C (標準公司)

ABCD-N 非標準

ABCD-R 前蘇聯的機構

ABCD-I 個人

- **Derwent Primary Accession Number** (Derwent 入藏號)

每一專利家族的第一個專利都會被Derwent分配一個唯一的識別碼，也因此創建了此家族在資料庫中的記錄。識別碼的形式是出版年加六個位元組的序列號(YYYY-NNNNNN)。方括號“[]”中的兩個位元組代表Derwent出版專利文摘的時間。如：2001-580453 [65]

- **Patents Cited by Inventor / Examiner Link** (被發明者/審查員引用專利連結)

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- **Citing Patents Link** (引用專利連結)

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- **Articles Cited by Inventor / Examiner Link** (被發明者/審查員引用的文獻連結)

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- **Abstract** (摘要)

Derwent在對專利聲明和公佈事項研究過後做出摘要。摘要由英文寫成，簡潔、準確、相關度高並覆蓋聲明中涉及最廣泛的發明範圍。摘要還包括其他專案，如新穎性、詳細描述、用途、優點等等，視具體專利而定

註：由於歷史原因，Derwent專利索引採用英式拼寫，但是摘要中也出現美式拼寫（Title/題名的情況也是如此）。爲保證檢全率，兩種情況都要考慮。舉例參見英美詞典。題名和

文摘中的縮略語還可參見《Derwent標準縮略語詞表》。

- **Equivalent Abstract**（等同摘要）

如果專利記錄中含有等同摘要資訊，可點選“顯示Equivalent Abstract”按鈕顯示。等同摘要是同一種發明的相關專利，作為不同授予機關的專利，它有著相同的優先權申請日期。此摘要由Derwent在研究專利權利要求和公開資訊之後完成。在某些情況下，等同摘要與摘要完全相同，但是由不同的專利授予機關授予的。還需注意的是文本中的變化是英美拼寫不同造成。

- **Technology Focus/Extension Abstract**（焦點技術摘要/擴展摘要）

在專利記錄中需提供技術焦點/擴展摘要和相關資料。

※ 技術焦點：此為可選摘要。它覆蓋了除發明的核心技術以外的其他相關技術的資訊。技術焦點摘要概述了實施該發明的最佳技術方案等資訊。這樣讀者就可以快速對其核心技術領域以外的文獻做出判斷。摘要可以按照子標題排序，如農學、生物學、生物技術等。

※ 擴展摘要：此亦為可選摘要，只當原始專利文獻細節充分時才出現。可將它與技術焦點共同作為閱讀物件以獲取完整資訊。擴展摘要的標題段落是單獨的，以更加易懂的方式來表達專利內容。對於想要避免法律術語的干擾而獲取專利的細節概要資訊之科學家和工程專家而言，這是一種理想的方式。

- **Drawing**（圖表）

如果原文提供的話，則選擇專利中的圖形、圖表來描述發明中的重要部分。此欄位針對1992年以來的化學專利和1988年以來的電子電氣工程專利。

- **International Patent Classification**（IPC，國際專利分類法）

是由世界知識產權組織（WIPO）頒佈的國際通行之專利分類系統。IPC覆蓋了所有的技術領域，是精確檢索專利的有用系統。

- **Derwent Class**（Derwent分類號）

Derwent分類法是適用於所有專利的獨特分類法。所有的技術領域被分為20類：

A—M (化學)

P—Q (工程)

S—X (電工)

每一領域都被分為3個字元的子類。A—M和S—X由Derwent主題專家使用。工程類P—Q的類號由IPC自動賦予。如：P85 (教育學、密碼學、廣告)；T01 (數位電腦)；W04 (視聽錄音系統)。

- **Derwent Manual Code(s)**（Derwent手工代碼）

此號由Derwent索引專家分配，用來顯示一項發明的某些新穎性及其應用。運用手工代碼構造更詳細的檢索策略可以顯著提高檢索速度和準確度。

- **Patent Details**（專利細節）

- **Patent Number**（專利號）

由專利授予機關分配給每一個專利文獻的序列號。

- **Patent Publication Date**（專利公告日期）

此日期是專利文獻公開發行的日期。格式為NN MMM YYYY。其中“NN”為日，“MMM”為月，“YYYY”為年。

- **Main IPC (IPC 主類號)**

專利的類號依據世界知識產權組織 (WIPO) 提出的等級分類法。

- **Week (入庫周次)**

表示資料入庫周次。格式為YYYYWW，其中“YYYY”為年份，“WW”為周次 (如：200120)。

- **Page Count (頁數)**

代表原始專利文獻。

- **Language (語言別)**

反映原始專利語言別，但是只適用於一項專利能夠以一種語言出版的地方。如：歐洲國家的專利可以英語、法語或德語出版。在整個專利家族中，一些專利可能以多種語言出版。

- **Application Details and Date (申請細節及日期)**

申請號碼是由專利局為專利文獻分配的本地專利歸檔號碼。申請日期或歸檔日期是申請歸檔到專利局的日期。專利的申請通常在申請者本國的專利局進行。

- **Further Application Details (更多申請細節)**

專利申請的附加資訊出現於此欄位。例如：三種類型持續申請的資訊在此欄位出現：繼續申請、部分繼續申請案、分案。

- ※ 繼續申請：首次專利申請未決時，提出了二次申請或者後來的申請。繼續申請必須與首次申請有相同的申請權項才能享受相同的申請日期。
- ※ 部分繼續申請：被縮寫為 (CIP)，部分繼續申請與繼續申請比較相似，但是還可以包括一些原專利中沒有的新材料。專利的公開經常會被擴大，而部分繼續申請可以申請相同或不同的發明。CIP 申請中與原申請相同部分的主題之保護受益日期按照首次申請的歸檔日期而定。當首次申請因揭示材料與來源有相同之處而未被批准時必須做CIP 歸檔。
- ※ 分案：如果專利局認為一項申請覆蓋面過大而不能視為一項單獨的專利，那麼這項申請將被分解成一個或者多個分案申請。分案申請與原申請有著相同的說明書但是不同的發明權項。

- **Priority Application Information and Date (優先申請資訊及日期)**

巴黎協定的優先權條款規定：一項申請可以於12 個月以內在一個或幾個締約國登記。在這種情況下，原始申請號碼就成為優先申請號碼。相同地，原始申請日期也成為了優先申請日期。

- **Designated States (指定國家)**

當申請人通過歐洲或PCT 申請的方式請求對他們的發明進行保護時，他們必須指明希望他們的專利在哪些國家或地區生效並需支付相對費用。

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- ※ Field of Search (檢索領域)：標示專利審查員運用哪些國際或美國分類號來檢索主題領域，以保證發明的新穎性、創造性。

記錄示例 – 被引專利 (Patent Cited by Inventor/Examiner)

Derwent Innovations IndexSM

[Back to full record](#)

Patents Cited by Examiner

Title: Flat panel device e.g flat cathode ray tube display - uses backplate made of co connected to faceplate to form sealed, evacuated enclosure, with driver circuitry on f

Assignee(s): SILICON VIDEO CORP, CANDESCENT TECHNOLOGIES CORP

Inventor(s): CURTIN C J, SCHMID A P, LOVOI P A

Cited Patents: **108**
Page 1 of 1 Go

Citing Patent	Cited Patent	Category Code	Assignee	Inventor
WO9500969-A	<input type="checkbox"/> US4029392-A : Display element contg. nematic liquid crystal compsn.		MATSUSHITA ELEC IND CO LTD (MATU-C)	
	<input type="checkbox"/> US4281903-A : Active constituent mbd. for passive electro=optical indicator cell		EBAUCHES SA (EBAU-C)	GHARADJEDA F
	<input type="checkbox"/> US5155410-A : Shadow mask type cathode ray tube		MATSUSHITA ELECTRONICS CORP (MATE-C)	WAKASONO H; ADACHI O; KONOSU O...
WO9500969-A1	<input type="checkbox"/> US4029392-A : Display element contg. nematic liquid crystal compsn.		MATSUSHITA ELEC IND CO LTD (MATU-C)	
	<input type="checkbox"/> US4281903-A : Active constituent mbd. for p electro=optical indicator cell			GHARADJEDA F
	<input type="checkbox"/> US5155410-A : Shadow mask type cathode tube		ICS CORP (MATE-	WAKASONO H; KONOSU O...
US5672083-A	JP42000661-A			
	US3566187-A			

該頁面顯示發明人/審查員在發明/審查該發明時引用的專利。由於每一條記錄代表一個專利家族，因此被引專利的列出按發明/審查不同專利。

顯示被引用的專利號，點選專利號可直接連接到文獻的全記錄。

顯示在發明/審查專利WO9500969-A時引用的專利列表

記錄示例 – 被引用文獻 (Articles Cited by Inventor/Examer)

Derwent Innovations IndexSM

<< Back to full record

Articles Cited by Examiner

Title: Flat panel device e.g flat cathode ray tube display - U connected to faceplate to form sealed, evacuated enclos

Assignee(s): SILICON VIDEO CORP, CANDESCENT TEC

Inventor(s): CURTIN C J, SCHMID A P, LOVOI P A

Articles: 41 Page 1 of 1 Go

Citing Patent	Category Codes	Cited Articles
US5672083-A		<p>Brodie et al., "Vacuum Microelectronics," Advances In Electronics And Electron Physics, vol. 83, 1992, pp. 1-106.</p> <p>Brodie, "Advanced Technology: Flat Cold-Cathode CRTs," Information Display, vol. 5, No. 1, Jan. 1989, pp. 17-19.</p> <p>Dow et al., "Ceramic Circuit Technology: The State-of-the Art Today and Tomorrow", Hybrid Circuit Technology, Oct. 1994, (4 pages).</p> <p>Dupont Electronics, "Green Tape Systems", Data Sheet, 1988, 1991 (4 pages).</p> <p>Goede, "A Digitally Addressed Flat-Panel CRT," IEEE Transactions on Electron Devices, vol. ED-20, No. 11, Nov. 1973, pp. 1052-1061.</p> <p>Goede, "Digital Address Thin Display Tube," Northrop Corp./NTIS, Nov. 1974, pp. 1-134.</p> <p>Hargis, "Ceramic Multichip Modules (MCM-C)", Inside ISHM, Mar./Apr. 1993, pp. 15-18.</p> <p>Jaitley et al., "In-situ Insulator Surface Charge Measurements in Dielectric Bridged Vacuum Gaps Using an Electrostatic Probe," IEEE Transactions on Electrical Insulation, vol. 23, No. 2, Apr. 1988, pp. 261-273.</p> <p>Knickerbocker, "Overview of the Glass-Ceramic/Copper Substrate-A High-Performance Multilayer Package for the 1990s", American Ceramic Society Bulletin, vol. 71, No. 9, Sep. 1992, pp. 1393-1401.</p> <p>Meyer, "6" Diagonal Microtips Fluorescent Display for T.V. Applications," EuroDisplay Digest, Sep. 1990, (4 pages).</p> <p>Nishihara et al., "32.5: Fully Integrated Poly-Si TFT CMOS Drivers for Self-Scanned Light Va</p> <p>Reed, "Heat Treatment Studies on High Alumina Ceramics," from Slater, Advances in Elect</p> <p>Company, New York, 1963, pp. 15-29.</p> <p>Takahashi et al., "Back Modulation Type Flat CRT," Japan Display '92, 1992, pp. 377-380.</p> <p>Tannas, Jr., "Flat-Panel Displays and CRTs," 1985, pp. 218-219, 231-232, 360, 400, 403.</p> <p>Terao et al., "37.4: Fabrication of Fine Barrier Ribs for Color Plasma Display Panels by Sandblasting", SID 92 Digest, 1992, pp. 724-727.</p>
US5686790-A		<p>"A Digitally Addressed Flat-Panel CRT," by W.F. Goede, IEEE Transactions on Electron Devices, vol. ED-20, No. 11, Nov. 1973.</p> <p>"Digital Address Thin Display Tube," by Walter F. Goede, published by Northrop Corporation in 1974, distributed by National Technical Information Service (U.S. Department of Commerce).</p> <p>A. Takahashi et al., "Back Modulation Type Flat CRT," Japanese Display '92, pp. 377-380.</p>

該頁面顯示發明人/審查員在發明/審查該發明時引用的文章。由於每一條記錄代表一個專利家族，因此被引文章的列出按發明/審查不同專利的列表。

顯示在發明/審查專利 US5672083-A 時引用了哪些文章。

點選 **title** 可以直接連結到 Web of Science 的全記錄

記錄示例 - 引用專利 (Citing Patents)

Citing Patents

Title: Display element contg. nematic liquid crystal compn. connected to faceplate to form sealed, evacuated enclosure
Assignee: SILICON VIDEO CORP; CANDESCENT TECHNOLO
Inventor(s): CURTIN C J; SCHMID A P; LOVOI P A

The above patent has been cited by the patents listed below.

Results: **62** Page 1 of 7 Go

Refine Results

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Subject Areas Refine

- ☐ ENGINEERING (62)
- ☐ INSTRUMENTS & INSTRUMENTATION (62)
- ☐ CHEMISTRY (19)
- ☐ COMPUTER SCIENCE (10)
- ☐ OPTICS (8)
- more...

Assignee Names Refine

- ☐ MICRON TECHNOLOGY INC (12)
- ☐ SCI APPL INT CORP (11)
- ☐ GEORGE E V (10)
- ☐ GREEN A M (10)
- ☐ WYETH N C (10)
- more...

Assignee Codes

Inventors

1. US2004166762-A1; US7025648-B2
Title: Manufacture of light-emitting panel for plasma panel display devices, by disposing micro-components on substrate, depositing and curing liquid dielectric material, depositing and curing conductive liquid, and applying top layer
Assignee(s): GREEN A M, GEORGE E V, WYETH N C, et. al
Inventor(s): GREEN A M, GEORGE E V, WYETH N C
Citing Patents: 3
+Links

2. EP1408476-A1; JP2004133457-A; EP1408475-A1; ...
Title: Electroluminescence flat panel display for displaying e.g. video films, has cooling channels defined and sealed between heat sink and drive circuit to cool light-emitting devices and drive circuit by passage of cooling liquid
Assignee(s): BARCO NV, THIELEMANS R, OOGHE K, et. al
Inventor(s): THIELEMANS R, OOGHE K, DE KEUKELEIRE S, et. al
Citing Patents: 3
+Links

3. WO2004015660-A2; AU2003269915-A1; US2004175854-A1; ...
Title: Micro-component forming process for plasma display panel, involves encapsulating plasma-forming gas in shell to form micro-component, and discarding formed components that do not meet certain preset characteristics
Assignee(s): SCI APPL INT CORP, GEORGE E V, WYETH N C, et. al
Inventor(s): GEORGE E V, WYETH N C, GREEN A M, et. al

2004-650957

2004-180801

您可以對引用專利進行分析，瞭解潛在的技術趨勢和競爭趨勢。

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☒ Name and Code ☐ Name Only ☐ Code Only
Example: XEROX CORP or XERO

Cited Inventor: []
Example: Von Oepen R

Cited Derwent Primary Accession Number: []
Example: 1998-321575

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Current Limits: [Change Limits and Settings]
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如果在標記框做標記，則可以將所有該專利家族中所有專利的被引用情況查詢出來。

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被引專利號 (Cited Patent Number) :

當需要把被引專利號檢索擴展為整個專利家族的檢索時，應輸入一個唯一的專利號 (e.g., EP178925 或 EP178925-A)，請不要利用切截符號輸入部分專利號，因為這樣會導致錯誤 (e.g., 以下的檢索操作將無法進行：EP1789* 和EP17892?)。

被引專利權人 (Cited Assignee) :

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被引發明人 (Cited Inventor) :

如果被檢索的發明人姓名多於一個縮寫字母，即便發明人的姓名縮寫中間顯示了空格，也應連續輸入兩個縮寫，中間不要有空格 (e.g., Becker SC)。在檢索姓名縮寫時，利用切截符號(*) 非常重要，因為不用切截符號則只可做精確檢索。

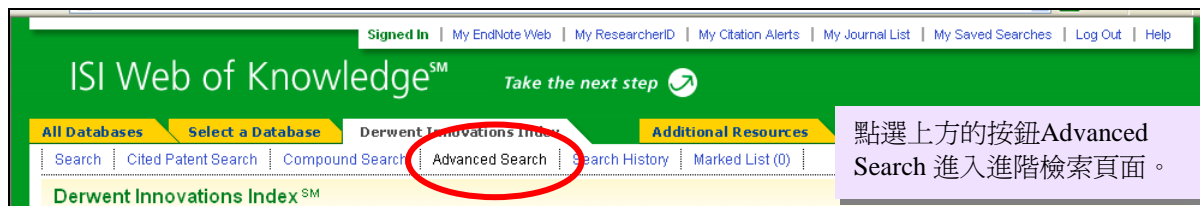
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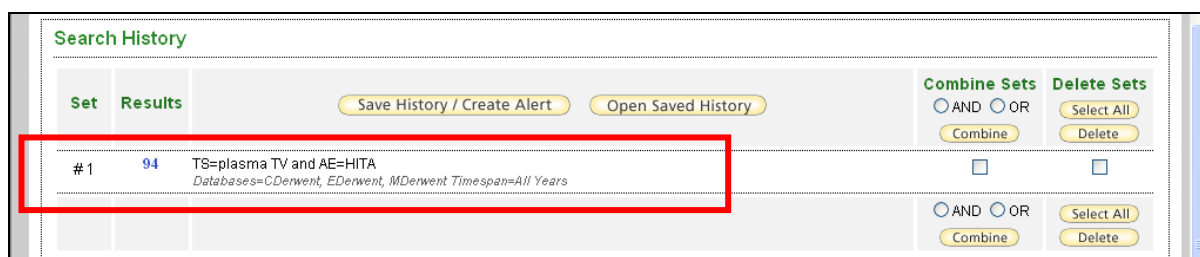
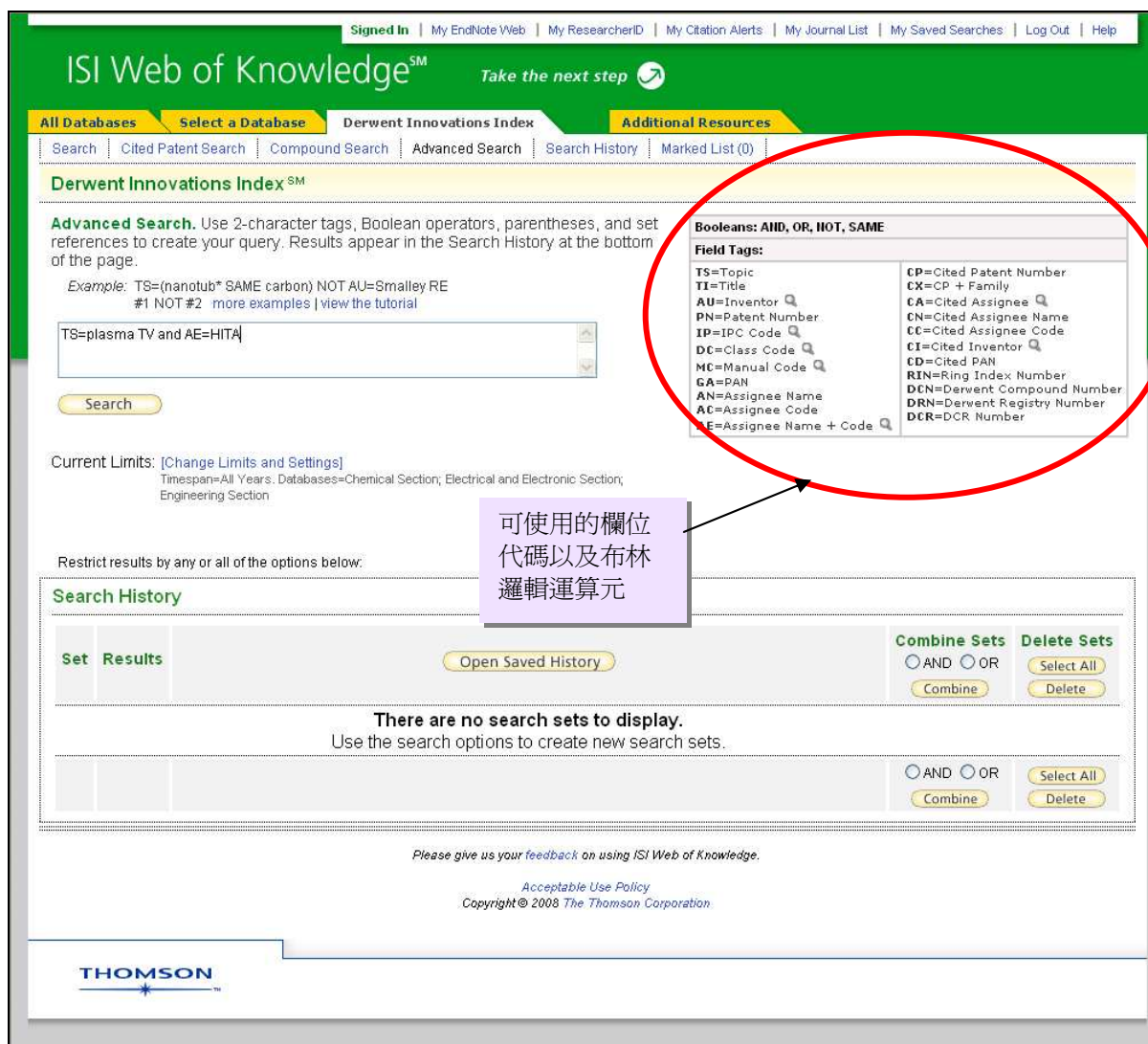
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#1	94	TS=plasma TV and AE=HITA Databases=CDe	<input type="checkbox"/>	<input type="checkbox"/>

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Example: Von Oepen R or Oepen R V

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Example: EP797246 or US5723945-A

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9. JP2007094224-A 2007-510013
Title: Display device e.g. plasma display television has protection elements arranged at edges of mutually adjacent frames attached to base
Assignee(s): HITACHI LTD
Inventor(s): SHIMIZU M, YAMAMOTO S, MATSUMOTO K, et. al
Citing Patents: 0
→ esp@cenet

10. JP2007094223-A 2007-510012
Title: Display device e.g. LCD device for liquid crystal TV, has speakers attached to side edges of curved front cabinet
Assignee(s): HITACHI LTD
Inventor(s): OKI M, MATSUMOTO K, SHIRAISHI M
Citing Patents: 0
→ esp@cenet

Results: 94 Show 10 per page Page 1 of 10 Go Sort by: Latest Date

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2. 選擇所需資料欄位：

- Patent Number, Title, Assignees, Inventors：專利號碼、篇名、專利權人和發明人。
- Patent Number, Title, Assignees, Inventors plus Abstract：專利號碼、篇名、專利權人、發明人和文章摘要。
- Full Record：完整記錄，包括所有在全記錄頁面中的資料。

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Step 1. Select the fields to include in the output. [Reset to Defaults](#) [Save as Defaults](#)

<input checked="" type="checkbox"/> Patent Number(s)	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Inventor(s)	<input checked="" type="checkbox"/> Assignee(s)
<input type="checkbox"/> Derwent class code(s)	<input type="checkbox"/> designated states	<input type="checkbox"/> abstracts*	<input type="checkbox"/> cited patents
<input type="checkbox"/> priority app info	<input type="checkbox"/> Derwent primary accession no.	<input type="checkbox"/> patent details	<input type="checkbox"/> cited articles
<input type="checkbox"/> Derwent manual code(s)	<input type="checkbox"/> application details	<input type="checkbox"/> IPC	<input type="checkbox"/> field of search
<input type="checkbox"/> equivalent abstracts	<input type="checkbox"/> images (Format for Print only)*	<input type="checkbox"/> DCR Numbers	<input type="checkbox"/> RIN
<input type="checkbox"/> Markush number	<input type="checkbox"/> Derwent Registry Numbers		

*Selecting abstracts or images will increase the processing time.

Step 2. Select an option.

<input type="text" value="Field Tagged"/> Format for Print <input type="text" value="Field Tagged"/> Save to File Save to EndNote, RefMan, or other reference software PANs for Derpict	E-mail records to: <input type="text"/> Return e-mail (optional): <input type="text"/> Notes (optional): <input type="text"/> <input type="text" value="Plain Text"/> E-mail
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☐ Automatically delete selected records from the Marked List after output is complete.

Derwent Innovations Index Marked Records - 5 Patents [Delete This List](#)

Page 1 (Patents 1 -- 5):

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 Sort affects view and output.

All records output by default. Use the checkboxes to deselect/select records for output.
 Be sure to click the "Submit Selections" button before leaving page.

- ☒ JP2008003315-A
 Display device e.g. plasma display panel for TV, has spring structure in junction region of back substrate and metal plate with respect to main-surface direction of display panel
 HITACHI DISPLAYS KK (HITA-Non-standard); HITACHI LTD (HITA)
 KITADA T; KAZAMA A
- ☒ JP2007279401-A
 Display device e.g. TV has support frame integrally molded with flat panel, at back side of flat panel
 HITACHI LTD (HITA)
 SHIRAISHI M; MATSUSAWA T; YAMADA H; et al.
- ☒ US2007250893-A1; JP2007281542-A
 Portable/mobile segment broadcasting receiving apparatus for use with e.g. cellular phone, has image processor performing image correction on image signals based on encoding information included in segment broadcasting signal
 AKIYAMA Y (AKIY-Individual); HAMADA K (HAMA-Individual); YAMAGUCHI M (YAMA-Individual); MARUYAMA T (MARU-Individual); KAMOGAWA K (KAMO-Individual); KAGEYAMA M (KAGE-Individual); HITACHI LTD (HITA)
 AKIYAMA Y; HAMADA K; YAMAGUCHI M; et al.

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